

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service
Washington, DC 20250-1500

January 29, 2004

TECHNICAL STANDARDS COMMITTEE "A" (TELECOMMUNICATIONS) MEETING #764

Summary of Decisions

1. Buried Plant Housings (Item "se") – Channell

Committee A accepted Channell's MAH Series buried plant housings as a replacement for their currently listed CFP/EPT Series on pages 2.5 and 2.5.1 as follows:

Page 2.5

se - Buried Plant Housings

(Complies with 7 CFR 1755.910)

Type BD Pedestals

Listed manufacturers are accepted to supply housing types as indicated by X's.

<u>Manufacturer</u>	<u>Series</u>	<u>Notes</u>	<u>Type H Pedestals</u>						
			<u>Pedestal Mounted</u>				<u>Pole Mounted</u>		
			<u>BD3</u>	<u>BD4</u>	<u>BD5</u>	<u>BD7</u>	<u>BD3A</u>	<u>BD4A</u>	<u>BD5A</u>
Channell	MAH	(15)	X	X	X	X	-	-	-

Page 2.5.1

se - Buried Plant Housings

(Complies with 7 CFR 1755.910)

Type BD Pedestals

Listed manufacturers are accepted to supply housing types as indicated by X's.

<u>Manufacturer</u>	<u>Series</u>	<u>Notes</u>	<u>Type M Pedestals</u>								
			<u>Pedestal Mounted</u>			<u>Pole Mounted</u>			<u>Pole Mounted (Increased Hgt. Above Grd.)</u>		
			<u>BD14</u>	<u>BD15</u>	<u>BD16</u>	<u>BD14A</u>	<u>BD15A</u>	<u>BD16A</u>	<u>BD14AG</u>	<u>BD15AG</u>	<u>BD16AG</u>
Channell	MAH		X	X	X	-	-	-	-	-	-

2. Station Protectors (Item "ni") – Outside Plant Branch

Committee A removed the listing of station protectors covering subscriber installations of less than 12 pairs from the RUS List of Materials. Station protectors covering subscriber installations of 12 pairs and greater will be listed as "Building Entrance Terminals (BET) – Protected." The listings on pages 5.1 through 5.1.4, the Item "ni", have been revised to appear as follows:

Page 5.1**ni – Building Entrance Terminal (BET) - Protected⁽¹⁾****ni-a Fuseless, Well Mount, Carbon**

<u>Manufacturer</u>	<u>Pair Count</u>	
	<u>25-Pair</u>	<u>50-Pair</u>
Marconi Communications	2BT25PMH/1304S 25P4X4MH/1304S ⁽²⁾	2BT50PMH/1304S 50P4X4MH/1304S ⁽²⁾

ni-b Fuseless, Module, Carbon⁽²⁾

<u>Manufacturer</u>	<u>Pair Count</u>		
	<u>25-Pair</u>	<u>50-Pair</u>	<u>100-Pair</u>
3M ⁽³⁾	4188-25 ⁽⁴⁾ /3AB 4 ⁽⁵⁾ 88 ⁽⁶⁾ -25/3AB 4990 ⁽⁷⁾ -25/3AB	4188-50 ⁽⁴⁾ /3AB 4 ⁽⁵⁾ 88 ⁽⁶⁾ -50/3AB 4990 ⁽⁷⁾ -50/3AB	4188-100 ⁽⁴⁾ /3AB 4 ⁽⁵⁾ 88 ⁽⁶⁾ -100/3AB 4990 ⁽⁷⁾ -100/3AB
Marconi Communications	--	R134C/3AB	R134C/3AB

Notes:

⁽¹⁾Designations after the slash "/" mark indicate the arrester unit which RUS has accepted for use in the listed protected building entrance terminal (BET). Unless otherwise noted, no other arrester unit is RUS accepted for use in protected building entrance terminals listed here.

⁽²⁾Restricted to inside mounting.

⁽³⁾The arrester module accepted for these protected building entrance terminals is the 3AB carbon arrester module manufactured by Marconi Communications.

⁽⁴⁾Must be supplied with 4188C-25, 50, or 100 protector covers, as appropriate to protected building entrance terminal size provided.

⁽⁵⁾Blank space replaced with 2, 4, 5, 6, or 7.

(6) Blank space replaced with F or R.

(7) Blank space or blank space replaced with 2, 3, 4, 5, or 6.

Page 5.1.1**ni – Building Entrance Terminal (BET) - Protected⁽¹⁾****ni-c Fuseless, Well Mount, Gas Tube****Manufacturer****Pair Count****25-Pair****50-Pair**

Marconi Communications	2BT25VSRMH/1304VSR2 ⁽²⁾⁽⁵⁾	2BT50VSRMH/1304VSR2 ⁽²⁾⁽⁵⁾
	25VSR4X4MH/1304VSR2 ⁽²⁾⁽⁵⁾⁽⁷⁾	50VSR4X4MH/1304VSR2 ⁽²⁾⁽⁵⁾⁽⁷⁾

ni-d Fuseless, Module, Gas Tube⁽⁷⁾**Manufacturer****Pair Count****12-Pair****25-Pair****50-Pair****100-Pair**

AT&T Network Systems	--	189-25/3B1ER ⁽²⁾⁽⁵⁾	189-50/3B1ER ⁽²⁾⁽⁵⁾	189-100/3B1ER ⁽²⁾⁽⁵⁾
Corning Cable Systems	--	C-552/7X ⁽²⁾⁽⁵⁾	C-550/7X ⁽²⁾⁽⁵⁾	C-551/7X ⁽²⁾⁽⁵⁾
3M ⁽¹⁰⁾	--	4188-25 ⁽¹¹⁾ /6U2VS ⁽²⁾⁽⁵⁾	4188-50 ⁽¹¹⁾ /6U2VS ⁽²⁾⁽⁵⁾	4188-100 ⁽¹¹⁾ /6U2VS ⁽²⁾⁽⁵⁾
	--	4188-25 ⁽¹¹⁾ /3GUVS ⁽³⁾⁽⁴⁾	4188-50 ⁽¹¹⁾ /3GUVS ⁽³⁾⁽⁴⁾	4188-100 ⁽¹¹⁾ /3GUVS ⁽³⁾⁽⁴⁾
	--	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -25/6U2VS ⁽²⁾⁽⁵⁾	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -50/6U2VS ⁽²⁾⁽⁵⁾	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -100/6U2VS ⁽²⁾⁽⁵⁾
	--	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -25/3GUVS ⁽³⁾⁽⁴⁾	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -50/3GUVS ⁽³⁾⁽⁴⁾	4__ ⁽⁸⁾ 88__ ⁽⁹⁾ -100/3GUVS ⁽³⁾⁽⁴⁾
	--	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -25/6U2VS ⁽²⁾⁽⁵⁾	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -50/6U2VS ⁽²⁾⁽⁵⁾	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -100/6U2VS ⁽²⁾⁽⁵⁾
	--	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -25/3GUVS ⁽³⁾⁽⁴⁾	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -50/3GUVS ⁽³⁾⁽⁴⁾	4__ ⁽¹²⁾ 88__ ⁽¹³⁾ -100/3GUVS ⁽³⁾⁽⁴⁾
Marconi Communications	--	--	R134C/6U2VS ⁽²⁾⁽⁵⁾	R134C/6U2VS ⁽²⁾⁽⁵⁾
	--	--	R134C/3GUVS ⁽³⁾⁽⁴⁾	R134C/3GUVS ⁽³⁾⁽⁴⁾
	--	BEP__ ⁽¹⁴⁾ 25__ ⁽¹⁵⁾ /__ ⁽¹⁹⁾	BEP__ ⁽¹⁴⁾ 50__ ⁽¹⁵⁾ /__ ⁽¹⁹⁾	BEP__ ⁽¹⁴⁾ 100__ ⁽¹⁵⁾ /__ ⁽¹⁹⁾
	--	BEPB25__ ⁽¹⁷⁾ /__ ⁽¹⁹⁾	BEPB50__ ⁽¹⁷⁾ /__ ⁽¹⁹⁾	BEPB100__ ⁽¹⁷⁾ /__ ⁽¹⁹⁾
	--	BEP__ ⁽¹⁸⁾ 25SC__ ⁽¹⁶⁾ /__ ⁽¹⁹⁾	BEP__ ⁽¹⁸⁾ 50SC__ ⁽¹⁶⁾ /__ ⁽¹⁹⁾	BEP__ ⁽¹⁸⁾ 100SC__ ⁽¹⁶⁾ /__ ⁽¹⁹⁾
Surge Technologies	ST260 66-12/ST3B1E ⁽³⁾⁽⁵⁾	ST260 66-25/ST3B1E ⁽³⁾⁽⁵⁾	ST188 ENA1-50/ST3B1E ⁽³⁾⁽⁵⁾	ST188 B1-100/ST3B1E ⁽³⁾⁽⁵⁾
	--	ST260 110-25/ST3B1E ⁽³⁾⁽⁵⁾	ST188 110-50/ST3B1E ⁽³⁾⁽⁵⁾	ST188 ENA1-100/ST3B1E ⁽³⁾⁽⁵⁾
	--	--	ST189 B1-50/ST3B1E ⁽³⁾⁽⁵⁾	ST188 110-100/ST3B1E ⁽³⁾⁽⁵⁾
	--	--	ST190 A1-50/ST3B1E ⁽³⁾⁽⁵⁾	ST189 B1-100/ST3B1E ⁽³⁾⁽⁵⁾
	--	--	ST250 66-50/ST3B1E ⁽³⁾⁽⁵⁾	ST190 A1-100/ST3B1E ⁽³⁾⁽⁵⁾
	--	--	--	ST250 66-100/ST3B1E ⁽³⁾⁽⁵⁾
TII	--	515 25/355M ⁽³⁾⁽⁶⁾	--	--
	--	516 25/356M1 ⁽³⁾⁽⁵⁾	--	--

See page 5.1.2 for notes.

Page 5.1.2

Notes: (1) Designations after the slash "/" mark indicate the arrester unit which RUS has accepted for use in the listed protected building entrance terminal (BET). Unless otherwise noted, no other arrester unit is RUS accepted for use in protected building entrance terminals listed here.

(2)2-electrode.

(3)3-electrode.

(4)Medium duty.

(5)Heavy duty.

(6)Maximum duty.

(7)Restricted to inside mounting.

(8)Blank space replaced with 2, 4, 5, or 6.

(9)Blank space replaced with F or R.

(10)The arrester modules accepted for these 3M protected building entrance terminals are manufactured by Marconi Communications.

(11)Must be supplied with 4188C-25, 50, or 100 protector covers, as appropriate to protected building entrance terminal size provided.

(12)Blank space replaced with 8 or 9. Also accepted for outdoor mounting.

(13)Blank space or blank space replaced with B.

(14)Replace the blank space with C, G, or CG.

(15)Replace the blank space with C, MM, CF, or FS.

(16)Replace the blank space with 6, 12, or 25 feet.

(17)Replace the blank space with MM, CF, or FS.

(18)Replace the blank space with C or CG.

(19)Replace the blank space with 3GUVS(3)(4) or 6U2VS(2)(5).

The 2001 issue of PC-5A, RUS Standard for Service Installations at Customer Access Locations, recommends the installation of Network Interface Device (NID) units at customer access locations under 12 pairs and defines a protected BET as an unit for installation on customer access locations of 12 pairs and greater. Forms 515 and 515d no longer contain "ni" assembly units for construction but do contain "nid" assembly units. Until the 515 forms is revised to incorporate the BET unit as a "Standard Assembly Unit", this BET Assembly Unit will have to be considered a "Non-standard Assembly Unit."

3. Network Interface Devices (Item "nid") and Gas Tube Arresters (Item "nh") – TII

Committee A accepted TII's 3600, 3700, and 6300 NID units using either the 355M, 356M1, 126M, or AD-02W-FS gas tube arrester units for listing on page 5.7. The "nid" listing category was revised to indicate the type of protection modules associated with each manufacturer's NID unit as well as the "nh" category to reflect the changes in the "nid" category. The listings on pages 5.7 and 5.4 have been revised as suggested below:

Page 5.7**nid – Network Interface Devices⁽¹⁾****Gas Tube Protection****Manufacturer****Catalog Designation**

TII	3600/355M ⁽³⁾⁽⁶⁾ , 356M1 ⁽³⁾⁽⁵⁾ , 126M ⁽²⁾⁽⁵⁾ , or AD-02W-FS ⁽³⁾⁽⁵⁾ 3700/355M ⁽³⁾⁽⁶⁾ , 356M1 ⁽³⁾⁽⁵⁾ , 126M ⁽²⁾⁽⁵⁾ , or AD-02W-FS ⁽³⁾⁽⁵⁾ 6300/355M ⁽³⁾⁽⁶⁾ , 356M1 ⁽³⁾⁽⁵⁾ , 126M ⁽²⁾⁽⁵⁾ , or AD-02W-FS ⁽³⁾⁽⁵⁾
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Notes:

⁽¹⁾Designations after the slash "/" mark indicate the arrester unit or units, which RUS has accepted for use in the listed network interface device. Unless otherwise noted, no other arrester unit or units is RUS accepted for use in network interface devices listed here.

⁽²⁾2-electrode.

⁽³⁾3-electrode.

⁽⁴⁾Medium duty.

⁽⁵⁾Heavy duty.

⁽⁶⁾Maximum duty.

Page 5.4**nh – Gas Tube Arrester⁽¹⁾**

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>	<u>Well Mount</u>
TII	-	126M ⁽²⁾⁽⁵⁾	-
	-	355M ⁽³⁾⁽⁶⁾	-
	-	356M1 ⁽³⁾⁽⁵⁾	-
	-	AD-02W-FS ⁽³⁾⁽⁵⁾	-

Page 5.7**nid – Network Interface Devices⁽¹⁾****nid-a Gas Tube Protection**

<u>Manufacturer</u>	<u>Catalog Designation</u>
Alcoa (c/o Petro Comm)	SNI 4600/355M ⁽³⁾⁽⁶⁾ , 356M1 ⁽³⁾⁽⁵⁾ , or 125-EW-R ⁽²⁾⁽⁵⁾
Corning Cable Systems	NI-2000 Series/PTD ⁽³⁾⁽⁵⁾ or PTD ⁽³⁾⁽⁶⁾
Tyco	RAYNID 760 Series/GSSP ⁽³⁾⁽⁵⁾ RAYNID 2900 Series/GSSP ⁽³⁾⁽⁵⁾

nid-b Solid-State Protection⁽⁷⁾

<u>Manufacturer</u>	<u>Catalog Designation</u>
Corning Cable Systems	NI-2000 Series/PTD ⁽⁸⁾

Notes:

⁽⁷⁾Recommended only for customer access installations of 12 pairs and greater. In addition, all pairs shall be terminated in the network interface device whether or not the pairs are in service.

⁽⁸⁾PEG-7, Class I Category.

Page 5.4nh – Arrester Units⁽¹⁾nh-a Gas Tubes

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>	<u>Well Mount</u>
Bourns	-	125-EW-R ⁽²⁾⁽⁵⁾	-
Corning Cable Systems	7A ⁽²⁾⁽⁵⁾	7X ⁽²⁾⁽⁵⁾	-
	-	PTD ⁽³⁾⁽⁵⁾	-
	-	PTD ⁽³⁾⁽⁶⁾	-
Joslyn	-	2022-60-A ⁽²⁾⁽⁵⁾	-
Marconi Communications	6A20 ⁽²⁾⁽⁵⁾	6U2VS ⁽²⁾⁽⁵⁾	1304VSR ⁽²⁾⁽⁵⁾
	3G ⁽³⁾⁽⁴⁾	3GUVS ⁽³⁾⁽⁴⁾	-
	-	G1200-0-350 ⁽²⁾⁽⁵⁾	-
Porta Systems	-	65BCN ⁽²⁾⁽⁵⁾	-
Surge Technologies	ST3B1E ⁽³⁾⁽⁵⁾	ST356-350V ⁽³⁾⁽⁵⁾	-
Tyco	-	GSSP ⁽³⁾⁽⁵⁾	-

nh-b Solid-State

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>
Circa Telecom	CT3B1FS ⁽⁷⁾⁽¹¹⁾	-
	CT3B1S ⁽⁷⁾⁽¹¹⁾	-
Corning Cable Systems	11A ⁽⁷⁾⁽⁹⁾	PTD ⁽⁷⁾⁽¹⁰⁾
Surge Technologies	ST3B1E-BAL ⁽⁸⁾	-

Notes:

⁽¹⁾Arresters listed under this category are not complete protected building entrance terminals (BET) mainframe protectors, or network interface devices (NID). They are intended for use as components, as accepted and listed, in the protected BETs, mainframe protectors, and network interface device "ni", "nm", and "nid" sections of the List of Materials. Arrester units here shall not be used in a BET, mainframe protector or network interface device listed in the "ni", "nm", or "nid" sections unless the same arrester unit is listed for use in the particular BET, mainframe protector, or network interface device on the "ni", "nm", or "nid" pages.

⁽²⁾2-electrode.

⁽³⁾3-electrode.

⁽⁴⁾Medium duty.

⁽⁵⁾Heavy duty.

⁽⁶⁾Maximum duty.

⁽⁷⁾PEG-7, Class I Category.

⁽⁸⁾PEG-7, Class II Category.

⁽⁹⁾For use with Corning's C-388.

⁽¹⁰⁾For use with Corning's NI-2000 Series NID unit.

⁽¹¹⁾For use with Circa Telecom's 2500QC2-100.

4. Power Service Protectors (Item "gg") and Secondary Power Arresters (Item "gi") – Northern Technologies

Committee A accepted Northern Technologies' DMK and MMK series transient voltage surge suppression panels to replace their currently listed TCS-XXXXXX and SII product lines under Item "gi." Also, Committee A accepted the Northern Technologies PLS-II and 20034X series for addition to Item "gg." The revised listings for pages 5.3 and 5.5 are as follows:

Page 5.3

gg – Power Service Protectors

Manufacturer

Catalog Number

Northern Technologies

PLS-II

2000344

2000345

2000347

Page 5.5

gi - Secondary Power Arresters

Manufacturer

Catalog Number

Main Service Voltage:

125/250

Signal and Power

Power Only

Northern Technologies

-

MMK-BX-OA__⁽¹⁾A

DMK-BX-__⁽²⁾__⁽¹⁾A

Other Service Voltages

Signal and Power

Power Only

Northern Technologies

-

MMK-⁽³⁾X-OA__⁽¹⁾A

DMK-⁽³⁾X-__⁽²⁾__⁽¹⁾A

Page 5.5.2

Notes:

⁽¹⁾Blank space replaced with S, A, B, or C.

⁽²⁾Blank space replaced with 10 or 20.

⁽³⁾Blank space replaced with C,D, E, G, H, or J.

⁽⁴⁾Blank space replaced with 1, 2, or 3.

⁽⁵⁾(X) denotes manufacturer's catalog number for optional lamps, alarming, and enclosures.

⁽⁶⁾X may be replaced by an E for external enclosure or an I for internal enclosure type.

- ⁽⁷⁾Blank space replaced with 32, 33, or 33-E.
⁽⁸⁾Blank space replaced with 21, 41, 45, or 85.
⁽⁹⁾Blank space replaced with 21, 41, 45, 85, 85-PM, or 85-PMT.
⁽¹⁰⁾Blank space replaced with 45 or 85.
⁽¹¹⁾Blank space replaced with 21, 41, 80, 85, or 85-PM.
⁽¹²⁾Blank space replaced with 21, 41, 45, 80, 85, or 85-PM.
⁽¹³⁾Blank space replaced with 41, 45, 80, 85, or 85-PM.

5. Access Equipment (Item "ae") – Telco Systems

Committee A accepted Telco Systems' EdgeGate VOIP Multi-Service Gateway for listing on page 6.1 as follows:

ae – Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
Telco Systems	EdgeGate VOIP Multi-Service Gateway ⁽¹³⁾	N	Y	N

⁽¹³⁾This listing includes Models GW-282 (indoor version) and GW-282S (outdoor version).

6. Transport Equipment (Item "te") – Ciena

Committee A accepted Ciena's DN Multiservice Switching Platform for listing on page 6.2 as follows:

te - Transport Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Interface Rate</u>	<u>RF Band</u>
Ciena	DN Multiservice Switching Platform ⁽¹¹⁾	OC-3/12/48	

⁽¹¹⁾This listing includes Models 210, 4100, 7100, and 8100.

7. Stored Program Digital Switching Equipment (Item "pc") – Taqua

Committee granted Taqua approval to bid the iX7000 Release 3.0.0

8. Access Equipment (Item "ae") - Allied Telesyn

Committee A granted Technical Acceptance to Allied Telesyn's Multiservice Access Platform as follows:

ae – Access Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Copper</u>	<u>Fiber</u>	<u>Wireless</u>
Allied Telesyn	Multiservice Access Platform ⁽¹⁾	Y	N	N

⁽¹⁾This technical acceptance includes the 7400 and 7700 units.

Miscellaneous

- I. Committee A sent Sorrento Networks a December 3, 2003 letter acknowledging Sorrento's GigaMux product name change to GM 6400 and the subsequent revision of Sorrento's listing on page 6.2 to appear as follows:

te - Transport Equipment

<u>Manufacturer</u>	<u>Product</u>	<u>Interface Rate</u>	<u>RF Band</u>
Sorrento Networks	GM 6400	OC-3/12/48/192	

- II. Committee A sent Marconi a January 13, 2004, letter acknowledging revision of Marconi's product listings on page 2.3, 2.5.5, 2.8. 5.1.1 and 5.1.3 to reflect the following changes:

- Page 2.3, Item er – Ready-Access Enclosures. Deletion of the designations P10318 and P10709 from catalog numbers 100MB, 100MBY, 200MB and 200MBY and addition of a new note (7) to include deleted designations; addition of the Marconi name to Note 1; and deletion of catalog numbers 281G and 283G from Note 4.
- Page 2.5.5, Item sk – Pedestal Restricted Access Inserts. Deletion of discontinued pedestal restricted access inserts (catalog numbers RSR3100 and RSR4200).
- Page 2.8, Item sd – Mobile Home Posts. Catalog designation changed from "UNIPOST" to "MHP."
- Pages 5.1.1 and 5.1.3, Item ni – Station Protectors. Deletion of the discontinued 50-pair version of the R134 station protector.

The January 13 letter included the revised listings as shown below:

Page 2.3

er - Cable Enclosures

er-a Ready Access Enclosures (Enclosures Only)

Lashed Cables

<u>Manufacturer</u>	<u>Main Cable Dia. Range</u>	<u>Straight</u>	<u>Branch</u>
Marconi Communications	0.4-1.2"	100 MB ⁽⁷⁾	100 MBY ⁽⁷⁾
	1.2-2.0"	200MB ⁽⁷⁾	200MBY ⁽⁷⁾
	2.0-3.0"	430	430Y

Notes:

⁽¹⁾The diameter range shown only includes the unprotected versions of the RGTA-type Marconi terminal blocks.

⁽⁴⁾May be ordered with up to 12 pairs using the 381G and 383G Marconi Communications terminal blocks only.

⁽⁷⁾Messenger insulator ordered separately. For 100MB or 100MBY order P10318. For 200MB and 200MBY order P10709.

Page 2.8

sd - Mobile Home Posts

<u>Manufacturer</u>	<u>Catalog Number</u>	
Marconi Communications	MHP ⁽²⁾	-

Page 5.1.1

ni - Station Protectors⁽¹⁾⁽²⁾

Fuseless, Module, Carbon

<u>Manufacturer</u>	<u>25-Pair</u>	<u>50-Pair</u>	<u>100-Pair</u>
Marconi Communications	--	--	R134C/3AB

Page 5.1.3ni - Station Protectors⁽⁷⁾Fuseless, Module, Gas Tube

<u>Manufacturer</u>	<u>25-Pair⁽⁶⁾</u>	<u>50-Pair⁽⁶⁾</u>	<u>100-Pair⁽⁶⁾</u>
Marconi	--	--	R134C/6U2VS(1)(4)
Communications	--	--	R134C/3GUVS(2)(3)
	BEP__(15)25__(16)/__(20)	BEP__(15)50__(16)/__(20)	BEP__(15)100__(16)/__(20)
	BEPB25__(18)/__(20)	BEPB50__(18)/__(20)	BEPB100__(18)/__(20)
	BEP__(19)25SC__(17)/__(20)	BEP__(19)50SC__(17)/__(20)	BEP__(19)100SC__(17)/__(20)

- III. Committee A sent Terayon Communication Systems a January 13, 2003, letter acknowledging Terayon's discontinued manufacture of the MainSail 8000 and its subsequent deletion from the page 6.2, Item "te -Transport Equipment."

Sincerely,

NORBERTO ESTEVES
Chairman, Technical Standards
Committee "A" (Telecommunications)
Telecommunications Standards Division